

# Scattered Severe Weather Threat Saturday PM



## OVERVIEW

- A warm front moves through by Saturday afternoon and ushers in a more humid and unstable air mass. A pre-frontal trough quickly follows and is expected to trigger scattered thunderstorms, some of which may become severe Saturday afternoon and evening.
- The main threat is damaging wind and hail, along with an isolated tornado threat.

### HAZARDS & IMPACTS

- Severe Thunderstorms Potential:** Scattered to isolated damaging wind gusts, hail up to 1" in diameter, and an isolated tornado are possible
- Flash Flooding:** Localized flash flooding possible across urban and poor drainage areas as well as flashier small streams, rivers, and creeks in association with any stronger storms, or if storms repeat over the same area
- Rainfall Rates:** Around an 1"/hr. possible in the heaviest rainfall
- Timing:** Saturday afternoon and evening

### NWS ALERTS

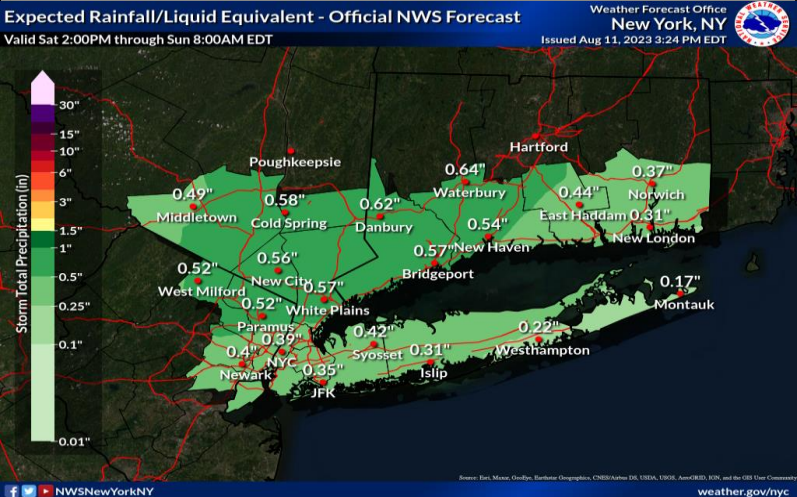
- Hazardous Weather Outlook

### FORECAST CHALLENGES

- Uncertainty with respect to the timing of warm front lifting north of the area
- If the warm front does not move through as quickly on Saturday, then the severe threat would be more focused around the warm front earlier in the day
  - If the warm front moves through quicker Saturday morning, then the severe threat would focus more around the pre-frontal trough late in the day and evening.

### NEXT BRIEF

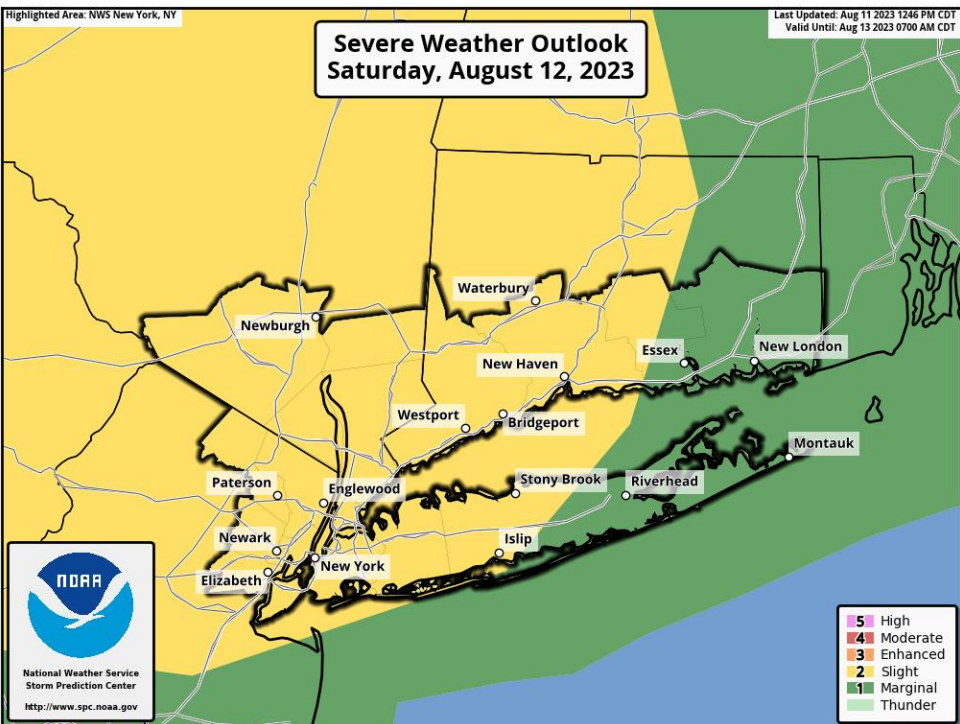
- By 6 AM Saturday







# Slight to Marginal Risk of Severe Weather



New York, NY  
WEATHER FORECAST OFFICE



## Understanding Severe Thunderstorm Risk Categories

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with all thunderstorms	Limited in duration and/or coverage and/or intensity	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
					

\* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.



National Weather Service  
[www.spc.noaa.gov](http://www.spc.noaa.gov)

